Customer No.: 31561
Application No.: 10/065,679
Docket No.: 8696-US-PA

AMENDMENTS

In The Claims

1. (original) A structure for intensifying tracking signals from an optical disk, at least comprising:

a substrate;

a dye material layer over the substrate;

an optical correction layer over the dye material layer; and

a reflection layer over the optical correction layer,

wherein the optical correction layer between the dye material layer and the reflection layer is a layer for improving tracking signals from the optical disk.

2. (original) The structure of claim 1, wherein the optical disk includes a recordable digital versatile disk (DVD-R).

3. (original) The structure of claim 1, wherein the optical correction layer is a transparent or a semi-transparent layer.

4. (original) The optical correction layer of claim 3, wherein material constituting the transparent or semi-transparent layer is selected from a group of inorganic compound consisting of metal, silicon and oxygen, nitrogen, sulfur and carbon.

5. (original) The structure of claim 1, wherein the optical correction layer is formed in a sputtering process.

6. (original) The structure of claim 1, wherein maximum absorption of light by the dye

occurs at a wavelength between 500 ~ 650nm.

7. (original) The structure of claim 1, wherein optical correction layer has a thickness between 10Å to 1000Å.

8. (original) The structure of claim 1, wherein the optical correction layer has a thickness between 30Å to 300Å.

9. (original) The structure of claim 1, wherein material constituting the reflection layer is selected from a group consisting of gold, silver, aluminum and an alloy thereof.

10. (withdrawn) A method of manufacturing a recordable digital versatile disk (DVD-R), comprising the steps of:

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forming a substrate by injection molding;

forming a dye material layer over the substrate by spin-coating;

forming an optical correction layer over the dye material layer by sputtering; and

forming a reflection layer over the optical correction layer by sputtering so that the optical disk has sufficient reflectivity,

wherein the optical correction layer is a transparent or semi-transparent made from inorganic material.

11. (withdrawn) The method of manufacturing DVD-R of claim 10, wherein maximum absorption of light by the dye within the dye material layer occurs at a wavelength between 500 ~ 650nm.

12. (withdrawn) The method of manufacturing DVD-R of claim 10, wherein the optical

correction layer has a thickness between 10Å to 1000Å.

13. (withdrawn) The method of manufacturing DVD-R of claim 10, wherein the optical correction layer has a thickness between 30Å to 300Å.

14. (withdrawn) The method of manufacturing DVD-R of claim 10, wherein material constituting the inorganic optical correction layer is selected from a group of inorganic compound consisting of metal, silicon and oxygen, nitrogen, sulfur and carbon.

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15. (withdrawn) The method of manufacturing DVD-R of claim 10, wherein material constituting the reflection layer is selected from a group consisting of gold, silver, aluminum and an alloy thereof.

16. (new) The structure of claim 1, wherein the optical correction layer increases 1st order diffraction.